## INTERNATIONAL SEARCH REPORT

International application No. PCT/JP03/15866

	SIFICATION OF SUBJECT MATTER C1 <sup>7</sup> B67C3/22, B65B3/04				
According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELD	B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols)  Int.Cl <sup>7</sup> B65B3/00-3/36, B67C3/00-3/34					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922–1996 Toroku Jitsuyo Shinan Koho 1994–2004 Kokai Jitsuyo Shinan Koho 1971–2004 Jitsuyo Shinan Toroku Koho 1996–2004					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
C. DOCU	MENTS CONSIDERED TO BE RELEVANT		<u> </u>		
Category*	Citation of document, with indication, where ap		Relevant to claim No.		
A	JP 6-345191 A (Mitsubishi He Ltd.), 20 December, 1994 (20.12.94), (Family: none)  JP 6-293390 A (Mitsubishi He Ltd.), 21 October, 1994 (21.10.94), (Family: none)  Microfilm of the specification to the request of Japanese Utine, No. 160823/1986 (Laid-open No.) (Mitsubishi Heavy Industries, 06 May, 1988 (06.05.88), (Family: none)	eavy Industries, on and drawings annexed lity Model Application 67499/1988)	1-16 1-16		
× Furth	er documents are listed in the continuation of Box C.	See patent family annex.			
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search  Date		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family  Date of mailing of the international search report			
12 March, 2004 (12.03.04) 23 March, 2004 (23.03.04)					
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer			
Facsimile No.		Telephone No.			

Form PCT/ISA/210 (second sheet) (July 1998)

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International application No.
PCT/JP03/15866

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
Α .	US 5944071 A (Felix Tietz, Wolfgang Wilke), 31 August, 1999 (31.08.99), & WO 99/43553 A1	1-16		
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